

TALL TUBULAR BATTERY GP-122000-C2TS

- >> Highly porous low resistance separator
- >> Factory Charged & Acid filled so purity and performance is ensured
- >> High pressure die casting spine grids ensures uniformity
- >> Special additives to ensure low self discharge
- >> Tough design to ensure extended service life
- >> Advanced tubular plates technology ensures faster charge acceptance



TUBULAR BATTERY 12V / 200AH C20			
Model Name		GOGO POWER 200AH	
Nominal Voltage (In Volts)		12V	
Capacity (10 Hrs , 27 Degree C)		200AH	
Dimensions (In mm)	Length	510	
	Width	195	
	Height	415	
Gross Battery Weight (Kgs) (+/- 3%)		64 Kgs	
Design life		5 -6 Years	
SALIENT FEATURES			
Highly porous low resistance separator			
Factory Charged & Acid filled so purity and performance is ensured			
High pressure die casting spine grids ensures uniformity			
Special additives to ensure low self discharge			
Tough design to ensure extended service life			
Advanced tubular plates technology ensures faster charge acceptance			
CHARACTERISTICS			
Capacity @ 10 hr rates @ 27 Degree C		200AH	
Absorption Voltage		14.4 V	
Float Voltage		13.6V	
Equalization Voltage		15.6V	
Self Discharge (27 degree C)	3 Months	85% or more	
	Discharge	15 to 50° C	
	Charge	0 to 50° C	
	Storage	20 to 38° C	
Operating Temp Range			
OCV at 100 % State of Charge		12.5 to 12.65 Volts	
		14.2 to 14.4 Volts	
Charge Methods (CV Charge @27 degree -- Cyclic Use)		Maximum Current 20 Ampere	
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery	
		Standby Use 13.6 to 13.8 Volts	
Charge Methods (CV Charge @27 degree -- Float Use)		Maximum Current 20 Ampere	
		Temperature Compensation of 18mv/°C/ cell for 12V TT Battery	
PERFORMANCE GRAPHS			

Constant -Voltage Discharge Table

Model	Voltage	Capacity	Battery Dimension(MM)		
200	12.60V	200 AH @C20	length	Width	Height
Weight (Kg)		64 Kgs	505	190	410

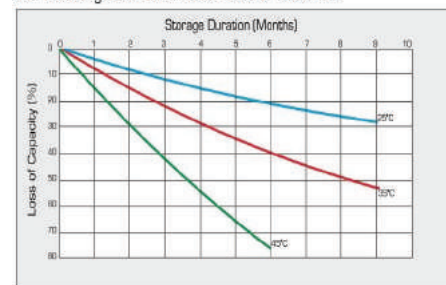
Constant Power Discharge Table (Ampere)

End Voltage	1 H	2 H	3 H	4 H	5 H	6 H	8 H	10 H	20H
10.20	94	60.76	45.88	37.57	31.77	27.38	22.1	19.2	10.6
10.50	91	58.23	43.97	36.01	30.52	26.44	21.5	18.6	10.3
10.80	88	55.7	42.06	34.41	29.32	25.61	20.9	17.8	10

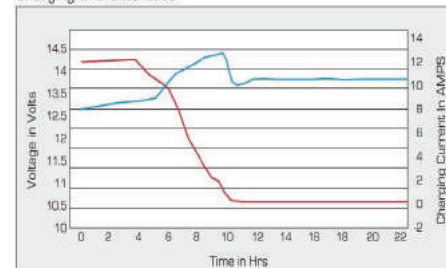
Constant Power Discharge Table (Watt at 27°C)

End Voltage	1 H	2 H	3 H	4 H	5 H	6 H	8 H	10 H	20H
10.20	1230	711	549	444	381	327	267	227	131
10.50	1204	692	533	431	368	318	258	221	126
10.80	1075	676	518	418	357	310	254	215	122

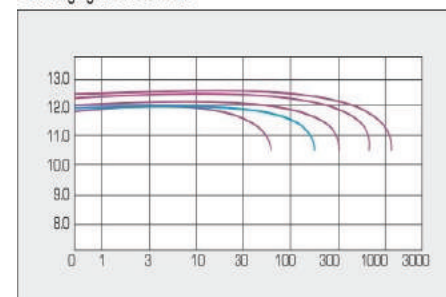
Self Discharge Characteristics - Tubular Batteries



Charging Characteristics



Discharging Characteristic



Life Cycle @ 27° C

